

06171-105075-3109

DELPHION**Select PR****RESEARCH****PRODUCTS****INSIDE DELPHION**

My Account

Search: Quick/Number Boolean Advanced Derwent

The Delphion Integrated ViewGet Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: [Create new Work File](#) ☒View: [INPADOC](#) | Jump to: [Top](#) ☒ Go to: [Derwent](#)☒ Email this to aTitle: **JP63215694A2: 2'-DEOXY-2'(S)-ALKYLPYRIMIDINE NUCLEOSIDE DERIVA**Derwent Title: 2'-Deoxy-2'(S)-alkyl:pyrimidine nucleoside derivs. - used as active component in antiviral drugs [\[Derwent Record\]](#)Country: JP Japan
Kind: A (See also: [JP06099467B4](#))Inventor: UEDA TORU;
MATSUDA AKIRA;
TAKENUKI KENJI;
MACHIDA HARUHIKO;Assignee: YAMASA SHOYU CO LTD
[News, Profiles, Stocks and More about this company](#)

Published / Filed: 1988-09-08 / 1987-03-04

Application Number: JP1987000049540

IPC Code: C07H 19/09; C07H 19/10; A61K 31/70; C07H 19/06; C07H 19/067;

Priority Number: 1987-03-04 JP1987000049540

Abstract: NEW MATERIAL:A compound expressed by formula I (R1 is amino or OH; R2 is H or lower alkyl; R3 is lower alkyl; R4 is H or phosphoric acid residue) or salt thereof.
EXAMPLE: 2'-Deoxy-2'(S)-methylcytidine.
USE: An antiviral agent.
PREPARATION: A saccharide part at the 2'-position of a compound expressed by formula II (R5 is alkoxy; Z is protecting group) is alkylated with an alkylating agent to provide a compound expressed by formula III. The OH group at the 2'-position of the compound expressed by formula III is then acylated, reduced with a reducing agent and deprotected to afford a compound expressed by formula IV. The base part at the 4-position of the compound expressed by formula IV is subsequently hydrolyzed or aminated and, as desired, the saccharide part at the 5'-position is then phosphorylated.

COPYRIGHT: (C)1988,JPO&Japio

INPADOC None Get Now: [Family Legal Status Report](#)Legal Status:
Family: [Show 2 known family members](#)Forward References: Go to Result Set: [Forward references \(2\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
<input checked="" type="checkbox"/>	US6914054	2005-07-05	Sommadossi; Jean-Pierre	Idenix Pharmaceuticals, Inc.	Methods and compositio for treating hepatitis C v 2'deoxy-2'-alkylnucleoti

	US5627053	1997-05-06	Usman; Nassim	Ribozyme Pharmaceuticals, Inc.	containing nucleic acid
---	---------------------------	----------------------------	-------------------------------	--	---

Other Abstract
Info:

[DERABS C88-295964](#) [DERC88-295964](#)



[Nominate this for the Gallery...](#)



THOMSON

Copyright © 1997-2005 The Thomson Corp

[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)